LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082484.D
Acq On : 24 Oct 2015 00:14
Operator : UM/IZ
Sample : G4140-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-45-GW

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.891	239	241	248	rVB	287387	371812	21.85%	0.932%
2	5.291	274	276	279	rBV3	17523	27403	1.61%	0.069%
3	5.349	279	281	290	rVB	185065	225131	13.23%	0.564%
4	5.554	298	299	302	rVB2	16232	22354	1.31%	0.056%
5	5.737	312	315	317	rVB2	34814	49272	2.90%	0.124%
6	5.874	324	327	330	rVB	32669	32853	1.93%	0.082%
7	5.977	334	336	339	rBV	73987	98793	5.81%	0.248%
8	6.034	339	341	342	rBV	36819	43911	2.58%	0.110%
9	6.057	342	343	350	rVB2	17985	51597	3.03%	0.129%
10	6.172	350	353	357	rBV2	36077	75387	4.43%	0.189%
11	6.263	359	361	365	rVB2	70754	92589	5.44%	0.232%
12	6.343	365	368	370	rBV2	22629	47971	2.82%	0.120%
13	6.400	371	373	377	rVV2	162830	241941	14.22%	0.607%
14	6.480	377	380	381	rVV2	42312	71955	4.23%	0.180%
15	6.514	381	383	386	rVV	292933	434808	25.55%	1.090%
16	6.594	386	390	391	rVB4	37488	71729	4.22%	0.180%
17	6.709	396	400	401	rBV4	44329	79945	4.70%	0.200%
18	6.754	401	404	407	rBV	572239	696868	40.95%	1.747%
19	6.823	408	410	413	rBV	322701	402728	23.67%	1.010%
20	6.903	415	417	422	rVB	1206236	1338133	78.64%	3.355%
21	6.983	422	424	425	rBV	30984	45264	2.66%	0.113%
22	7.017	425	427	429	rVB2	104605	192358	11.30%	0.482%
23	7.052	429	430	432	rBV2	36869	60033	3.53%	0.151%
24	7.097	432	434	436	rVB2	40926	44659	2.62%	0.112%
25	7.166	436	440	442	rBV2	324386	595494	35.00%	1.493%
26	7.292	447	451	452	rBV2	206897	391745	23.02%	0.982%
27	7.326	452	454	455	rBV	828989	775244	45.56%	1.944%
28	7.360	455	457	459	rBV2	413401	533955	31.38%	1.339%
29	7.463	462	466	468	rBV3	195053	435986	25.62%	1.093%
30	7.509	468	470	471	rBV2	98893	109203	6.42%	0.274%
31	7.555	471	474	476	rBV3	265302	486400	28.58%	1.219%
32	7.600	476	478	480	rBV3	112666	182407	10.72%	0.457%
33	7.669	480	484	487	rBV5	283403	636004	37.38%	1.595%
34	7.726	487	489	490	rBV	183859	257376	15.13%	0.645%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082484.D
Acq On : 24 Oct 2015 00:14
Operator : UM/IZ
Sample : G4140-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-45-GW

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.783	492	494	496	rBV3	154339	221766	13.03%	0.556%
36	7.840	498	499	503	rVB4	231739	432435	25.41%	1.084%
37	7.909	503	505	507	rBV2	159805	295540	17.37%	0.741%
38	7.977	509	511	513	rBV2	375733	714957	42.02%	1.793%
39	8.046	513	517	520	rVV	615487	1253573	73.67%	3.143%
40	8.103	520	522	524	rVB	726131	649588	38.18%	1.629%
41	8.206	529	531	533	rBV3	162975	347231	20.41%	0.871%
42	8.240	533	534	538	rVB3	342304	483730	28.43%	1.213%
43	8.332	538	542	546	rBV5	498164	1026516	60.33%	2.574%
44	8.389	546	547	548	rBV	188696	159651	9.38%	0.400%
45	8.423	548	550	552	rVB2	207586	227687	13.38%	0.571%
46	8.469	552	554	559	rVB	1014805	1355150	79.64%	3.398%
47	8.549	559	561	562	rBV2	102275	146005	8.58%	0.366%
48	8.583	562	564	567	rBV4	225240	409984	24.09%	1.028%
49	8.629	567	568	570	rBV2	228423	355354	20.88%	0.891%
50	8.732	575	577	579	rVB	458465	494479	29.06%	1.240%
51	8.915	592	593	595	rBV2	169622	320206	18.82%	0.803%
52	8.949	595	596	598	rVV	305454	327320	19.24%	0.821%
53	8.995	598	600	602	rVV2	121412	184666	10.85%	0.463%
54	9.029	602	603	604	rVV	129468	138515	8.14%	0.347%
55	9.063	604	606	609	rVV	903599	1003306	58.96%	2.515%
56	9.120	609	611	613	rVV	1443680	1563876	91.91%	3.921%
57	9.200	615	618	620	rBV2	296035	605327	35.57%	1.518%
58	9.246	620	622	623	rVV2	248949	313436	18.42%	0.786%
59	9.315	626	628	630	rVB3	103354	126293	7.42%	0.317%
60	9.395	633	635	636	rBV2	95651	109455	6.43%	0.274%
61	9.429	636	638	639	rBV2	97752	111945	6.58%	0.281%
62	9.520	644	646	650	rVB	1264719	1376801	80.91%	3.452%
63	9.658	657	658	660	rBV2	124726	161587	9.50%	0.405%
64	9.703	660	662	663	rVV2	187768	158359	9.31%	0.397%
65	9.738	663	665	667	rVV	306243	383522	22.54%	0.962%
66	9.806	667	671	672	rVV	712118	1166870	68.58%	2.926%
67	9.829	672	673	675	rVV	109634	177220	10.41%	0.444%
68	9.909	678	680	682	rVB	130288	126770	7.45%	0.318%
69	9.955	682	684	686	rBV3	104595	215086	12.64%	0.539%
70	9.989	686	687	690	rVV3	166347	234145	13.76%	0.587%
71	10.058	691	693	697	rVB4	273497	410437	24.12%	1.029%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082484.D
Acq On : 24 Oct 2015 00:14
Operator : UM/IZ
Sample : G4140-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-45-GW

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.115	697	698	700	rVB2	142156	149243	8.77%	0.374%
73	10.172	700	703	704	rBV2	110476	185840	10.92%	0.466%
74	10.229	706	708	709	rVB	157123	170597	10.03%	0.428%
75	10.343	716	718	721	rVB3	119765	200742	11.80%	0.503%
76	10.446	725	727	730	rVB	489310	679774	39.95%	1.704%
77	10.595	738	740	742	rVB2	260140	239306	14.06%	0.600%
78	10.675	745	747	748	rBV2	117824	155377	9.13%	0.390%
79	10.721	748	751	753	rBV	803892	1074557	63.15%	2.694%
80	10.892	764	766	768	rBV2	101270	155708	9.15%	0.390%
81	11.041	777	779	783	rBV5	89383	204604	12.02%	0.513%
82	11.155	787	789	790	rVV	184896	248971	14.63%	0.624%
83	11.178	790	791	794	rVB2	551816	692044	40.67%	1.735%
84	11.292	799	801	802	rBV	789466	867785	51.00%	2.176%
85	11.532	820	822	825	rBV	218296	228839	13.45%	0.574%
86	11.829	846	848	851	rBV2	447720	489222	28.75%	1.227%
87	11.898	852	854	858	rVB2	145749	235442	13.84%	0.590%
88	12.264	884	886	891	rBV	163381	243424	14.31%	0.610%
89	12.618	915	917	919	rVB2	195343	221879	13.04%	0.556%
90	12.732	925	927	928	rBV	100414	124110	7.29%	0.311%
91	12.778	928	931	934	rVV	825903	1178020	69.23%	2.953%
92	12.881	937	940	942	rVV	1661486	1701592	100.00%	4.266%
93	13.269	971	974	977	rBV	734554	935054	54.95%	2.344%
94	13.807	1019	1021	1026	rVB	402220	683434	40.16%	1.713%
95	13.955	1032	1034	1039	rVB	809411	865706	50.88%	2.170%
96	14.298	1062	1064	1067	rBV	128700	237533	13.96%	0.596%
97	15.441	1162	1164	1171	rVB	435534	704908	41.43%	1.767%

Sum of corrected areas: 39885807

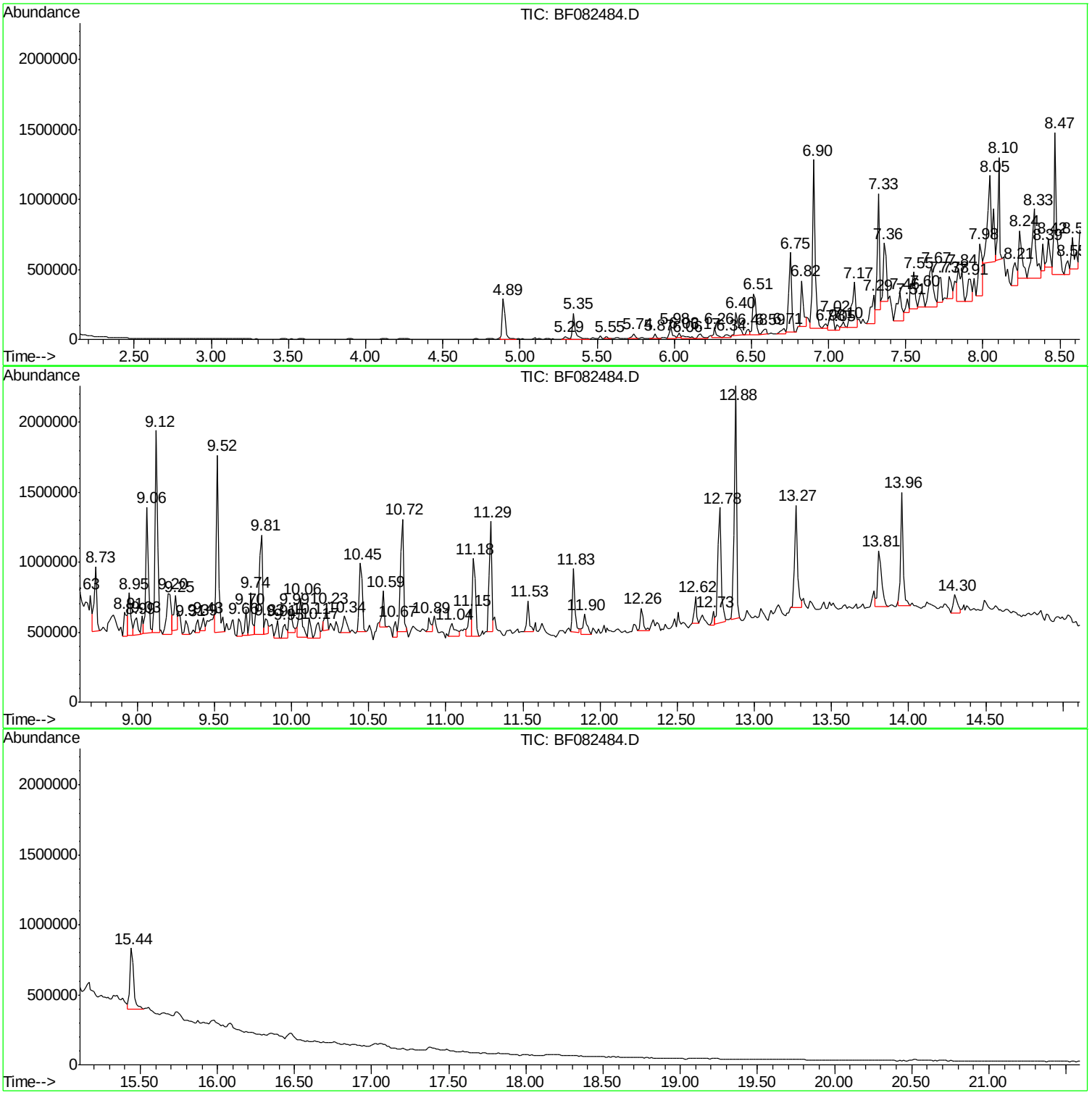
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082484.D
Acq On : 24 Oct 2015 00:14
Operator : UM/IZ
Sample : G4140-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-45-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082484.D
Acq On : 24 Oct 2015 00:14
Operator : UM/IZ
Sample : G4140-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-45-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

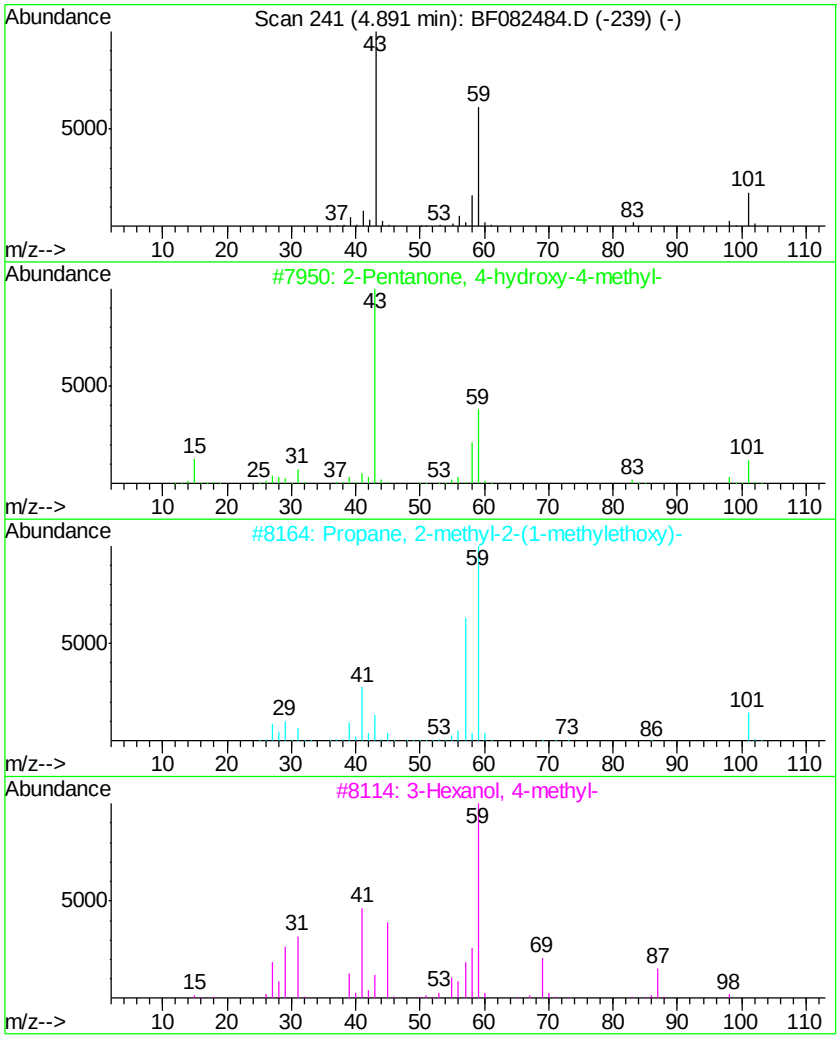
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

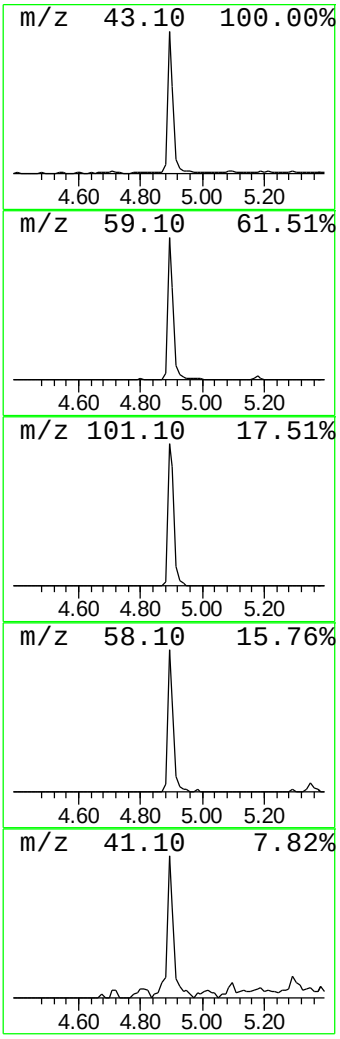
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	10.67 ng	371812	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082484.D
Acq On : 24 Oct 2015 00:14
Operator : UM/IZ
Sample : G4140-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-45-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

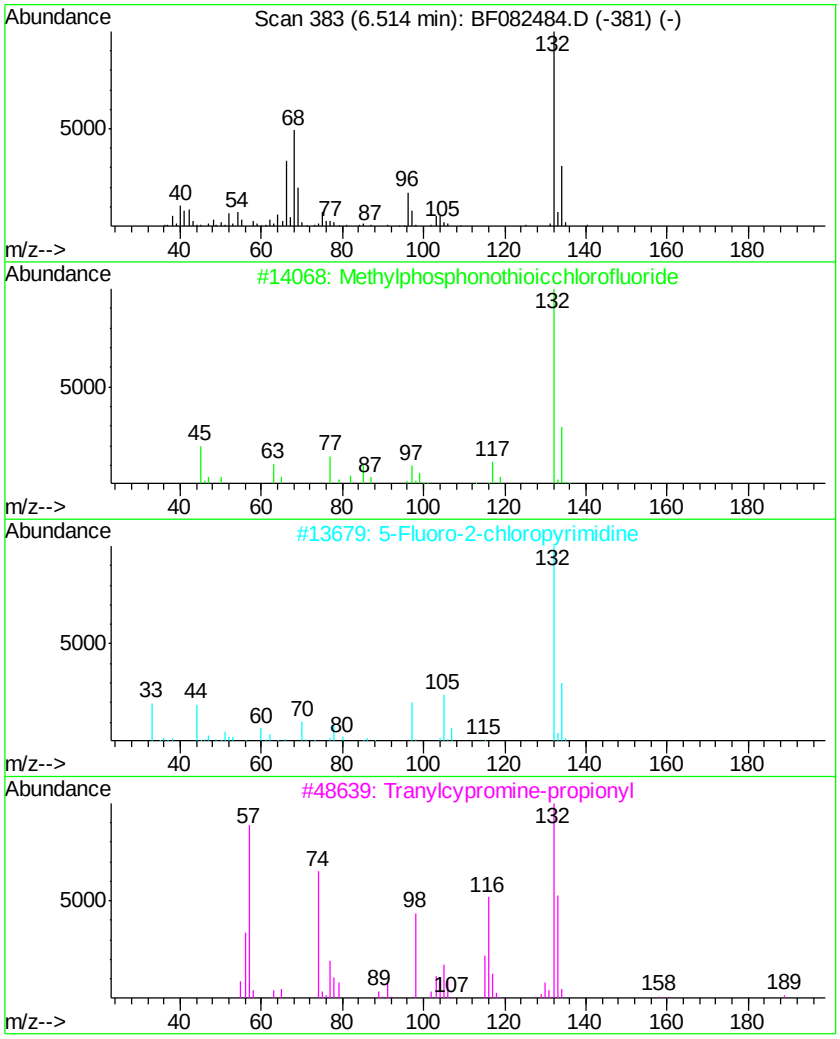
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

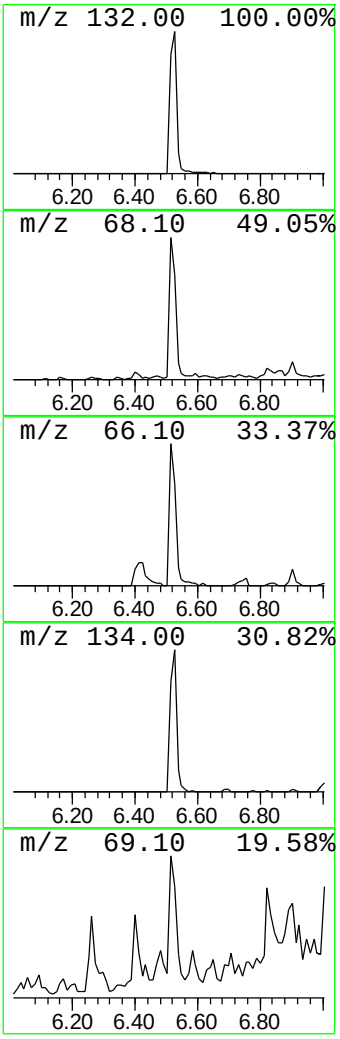
****

Peak Number 2 unknown6.51 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	12.48 ng	434808	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082484.D
Acq On : 24 Oct 2015 00:14
Operator : UM/IZ
Sample : G4140-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-45-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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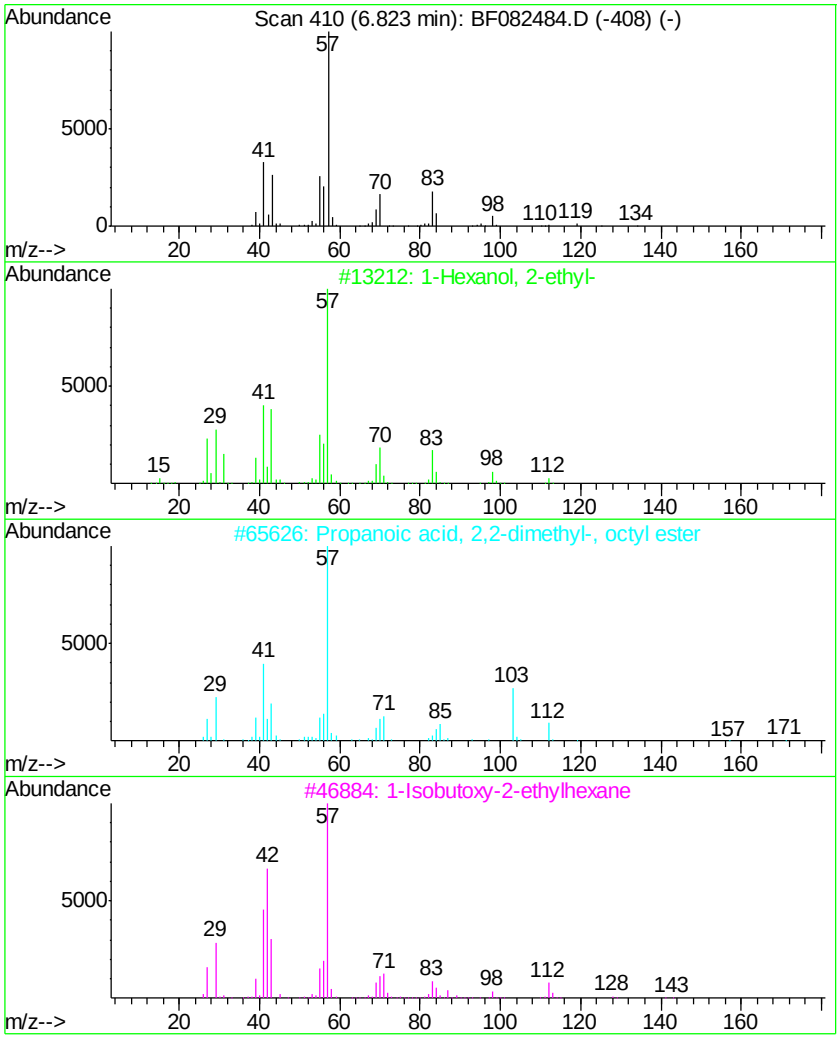
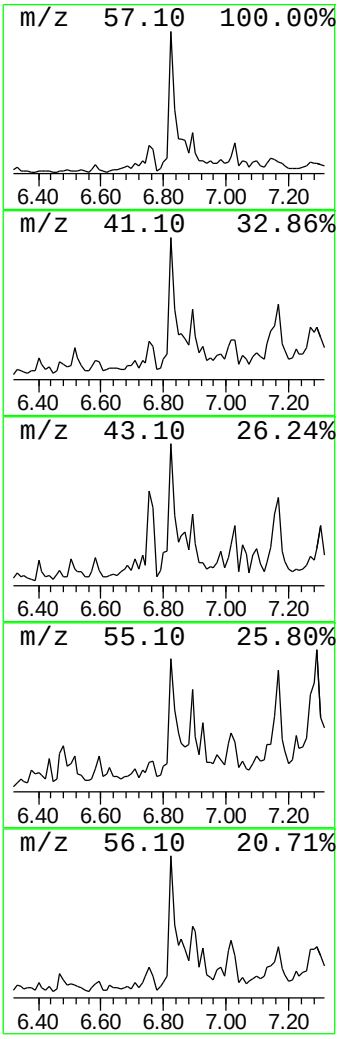
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	11.56 ng	402728	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
2	Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	64
3	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
4	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082484.D
Acq On : 24 Oct 2015 00:14
Operator : UM/IZ
Sample : G4140-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-45-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

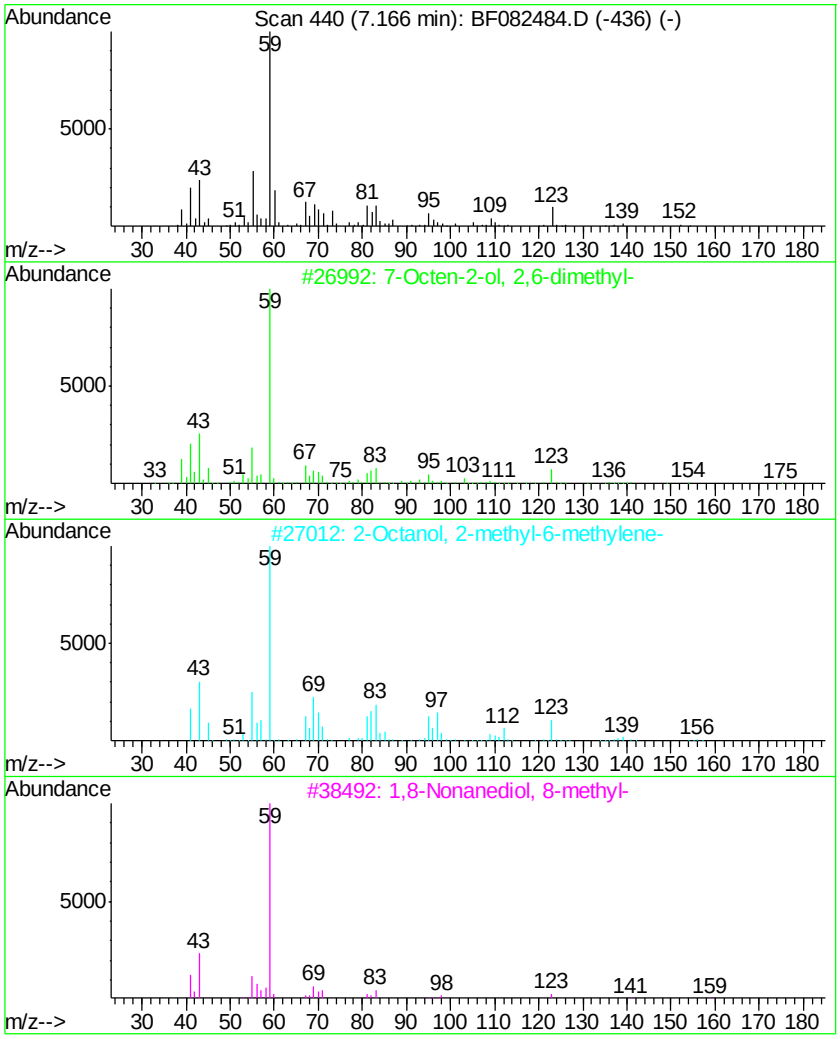
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

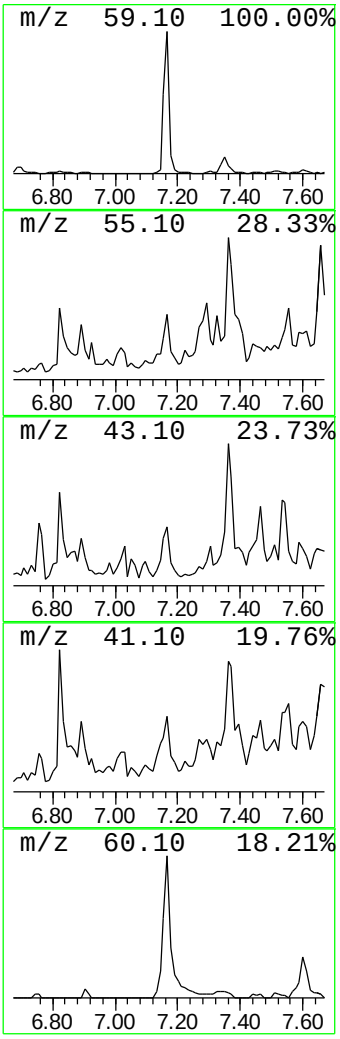
****

Peak Number 5 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	17.09 ng	595494	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	64
2	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	59
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	45
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	45
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082484.D
Acq On : 24 Oct 2015 00:14
Operator : UM/IZ
Sample : G4140-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-45-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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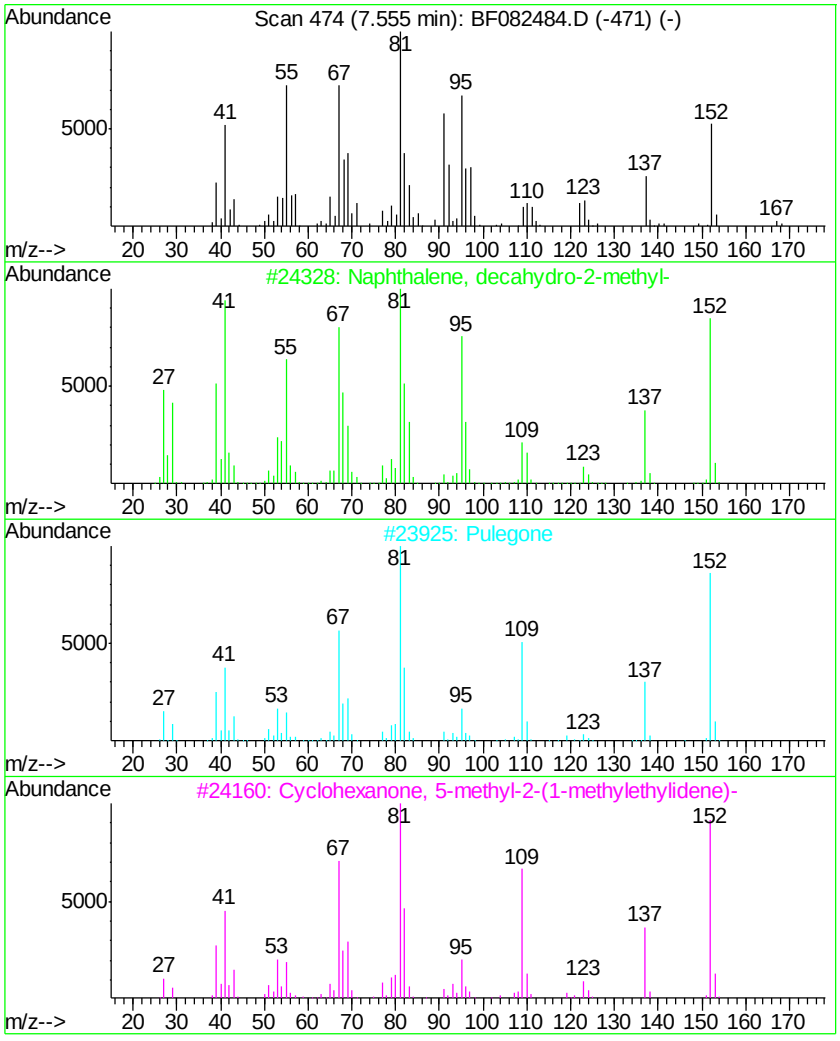
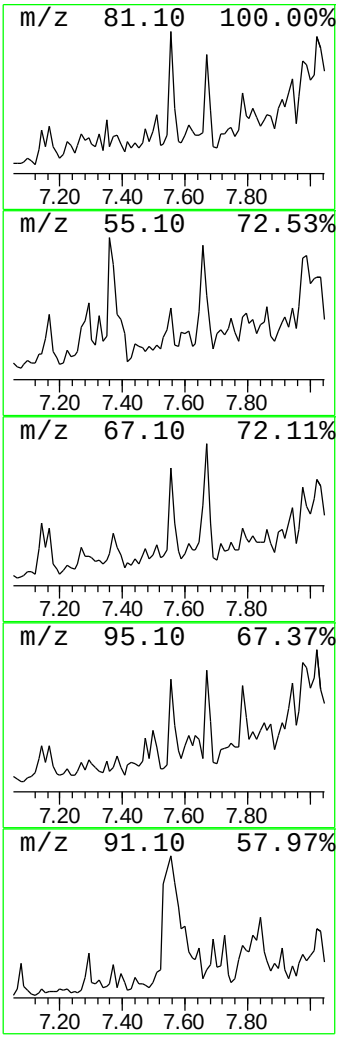
Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	7.76 ng	486400	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	Pulegone	152	C10H16O	000089-82-7	58
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	55
5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082484.D
Acq On : 24 Oct 2015 00:14
Operator : UM/IZ
Sample : G4140-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-45-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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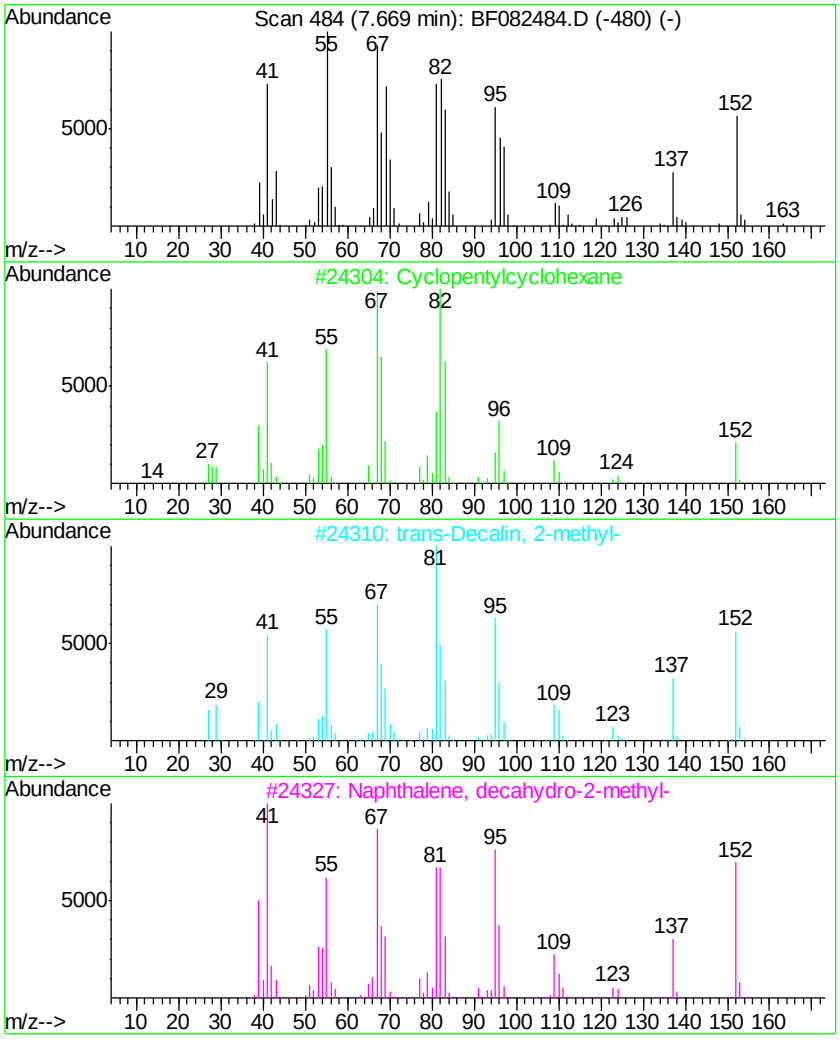
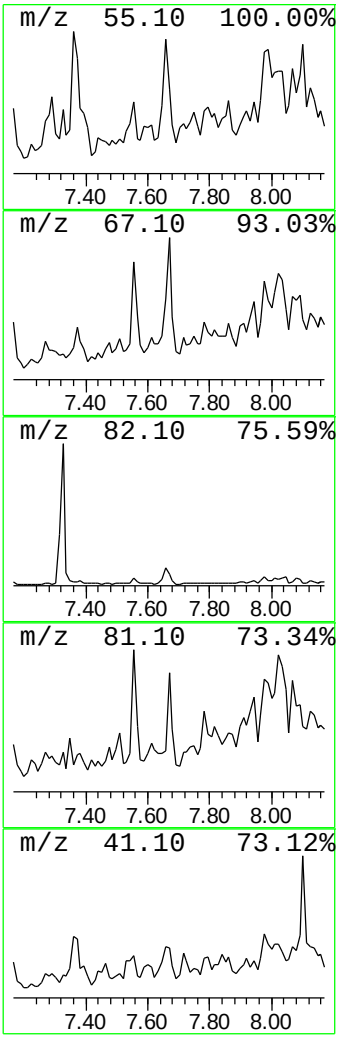
Peak Number 7 Cyclopentylcyclohexane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	10.15 ng	636004	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentylcyclohexane	152	C11H20	001606-08-2	60
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58
4	Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	58
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	58





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Sample : G4140-01
Misc :
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ClientSampleId : SB15-45-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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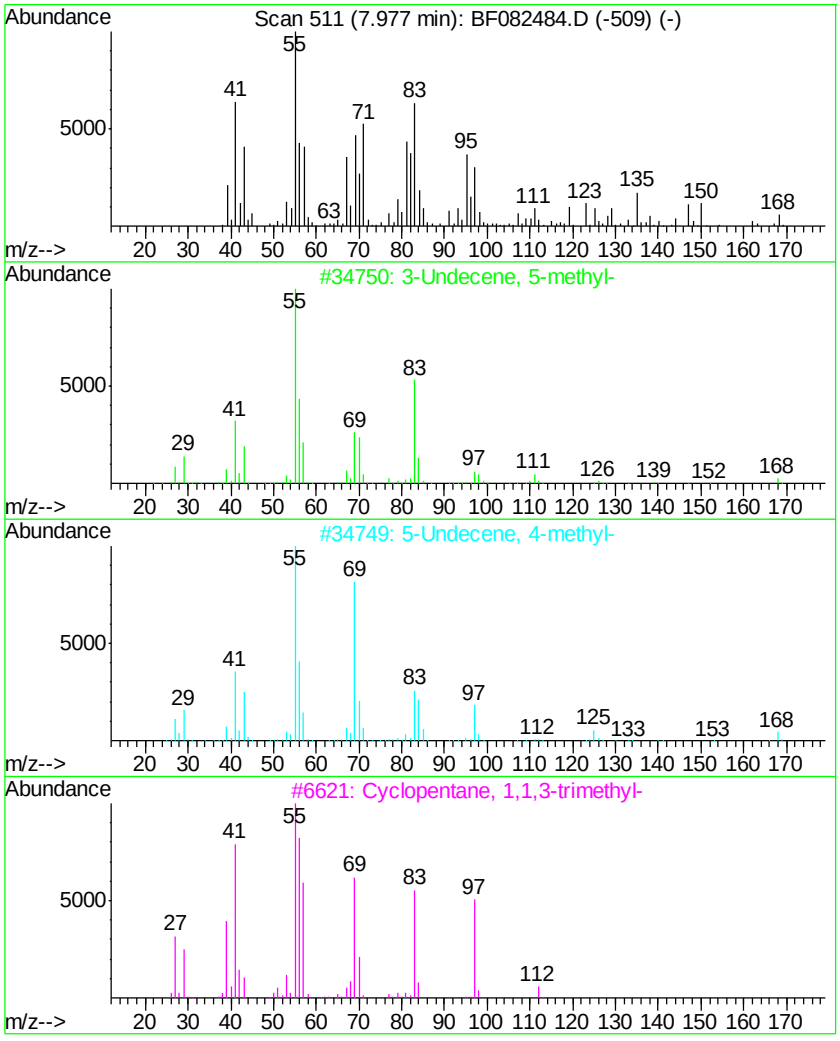
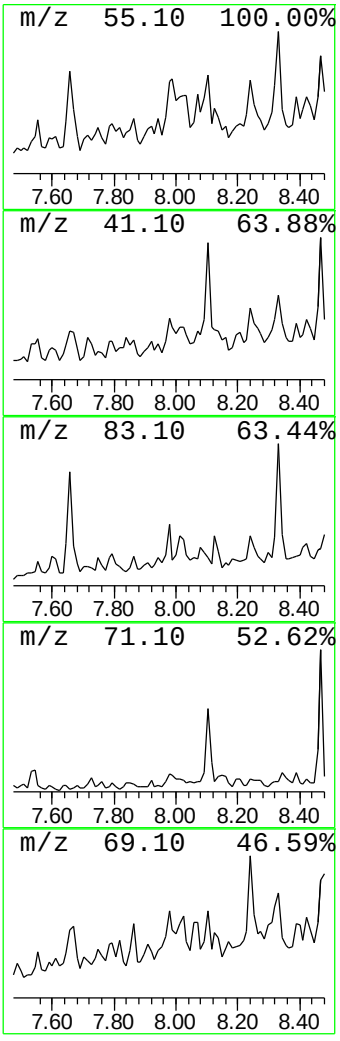
Peak Number 8 unknown7.98 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	11.41 ng	714957	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	42
2	5-Undecene, 4-methyl-	168	C12H24	143185-91-5	30
3	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	25
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	25
5	4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	25





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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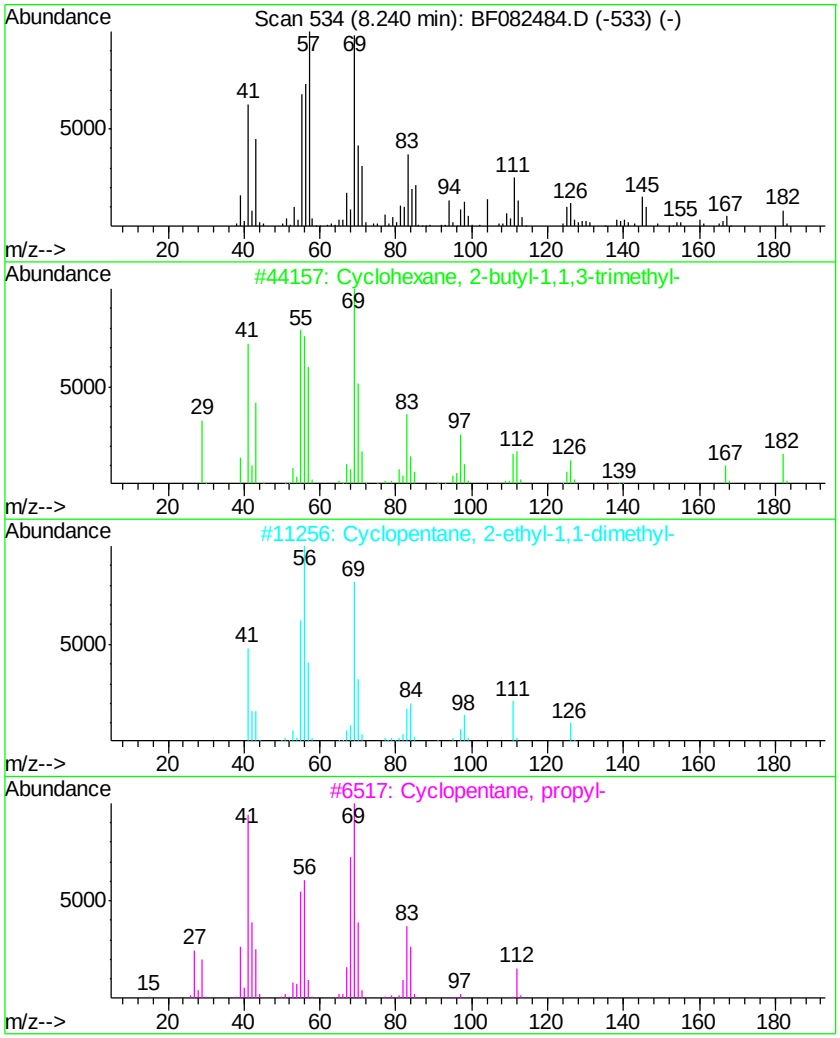
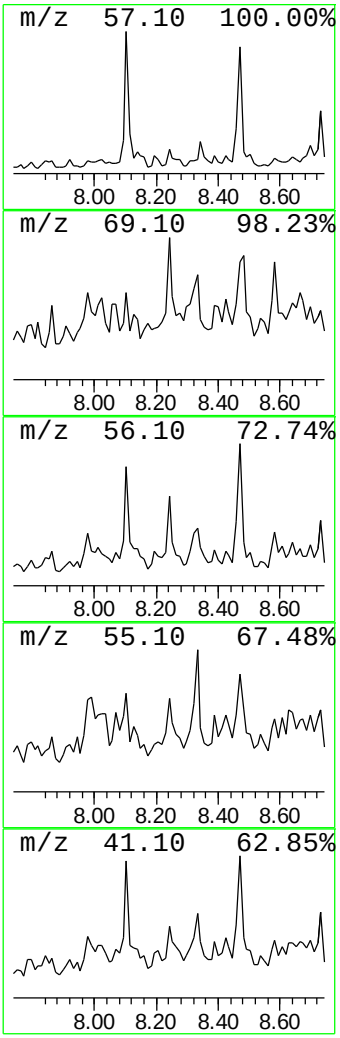
Peak Number 9 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	7.72 ng	483730	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	76
2	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	62
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	53
4	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	49
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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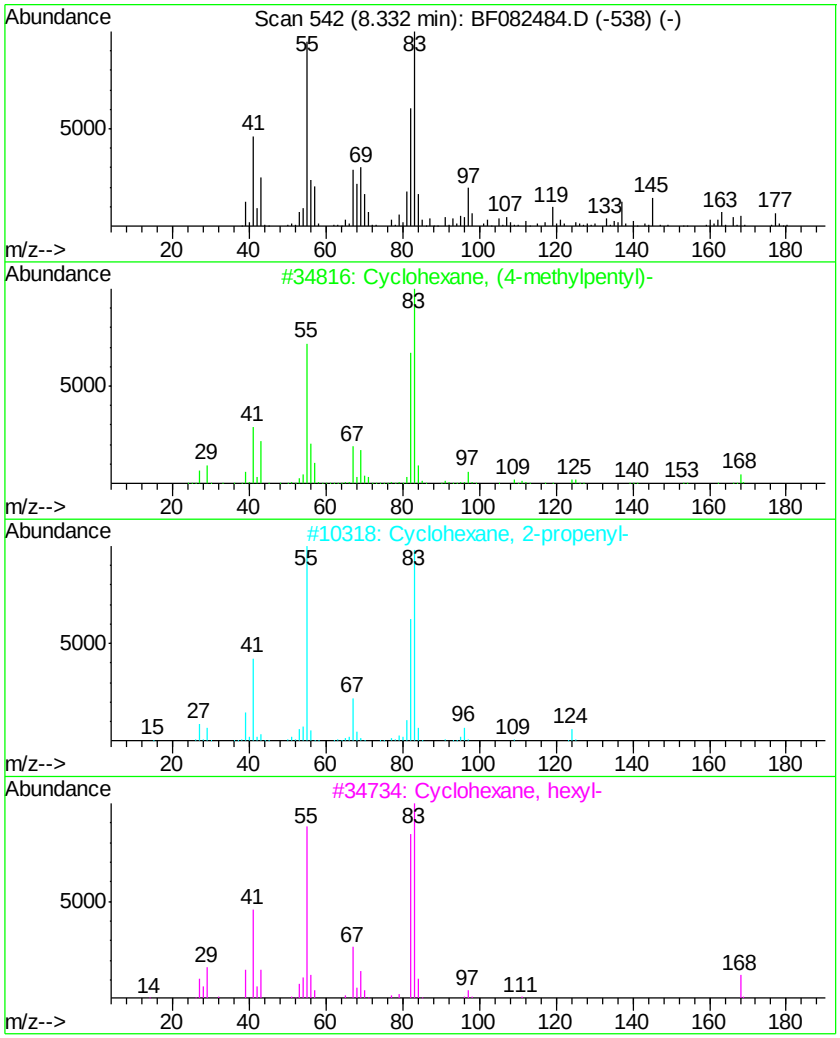
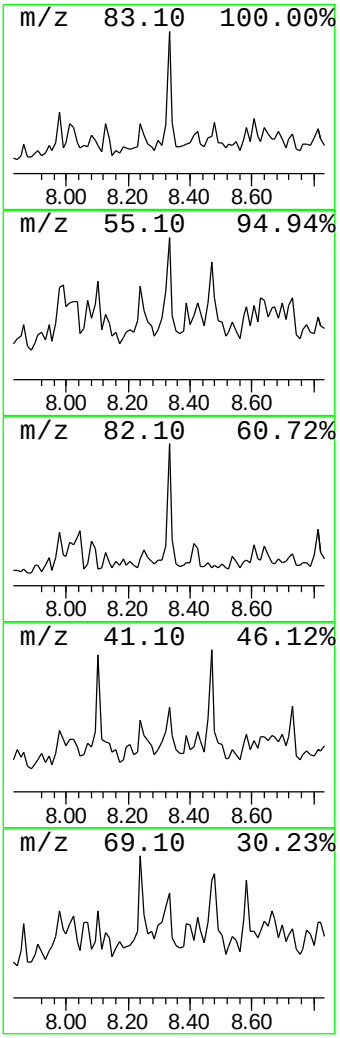
Peak Number 10 Cyclohexane, (4-methylpentyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	16.38 ng	1026520	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	47
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47





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ClientSampleId : SB15-45-GW

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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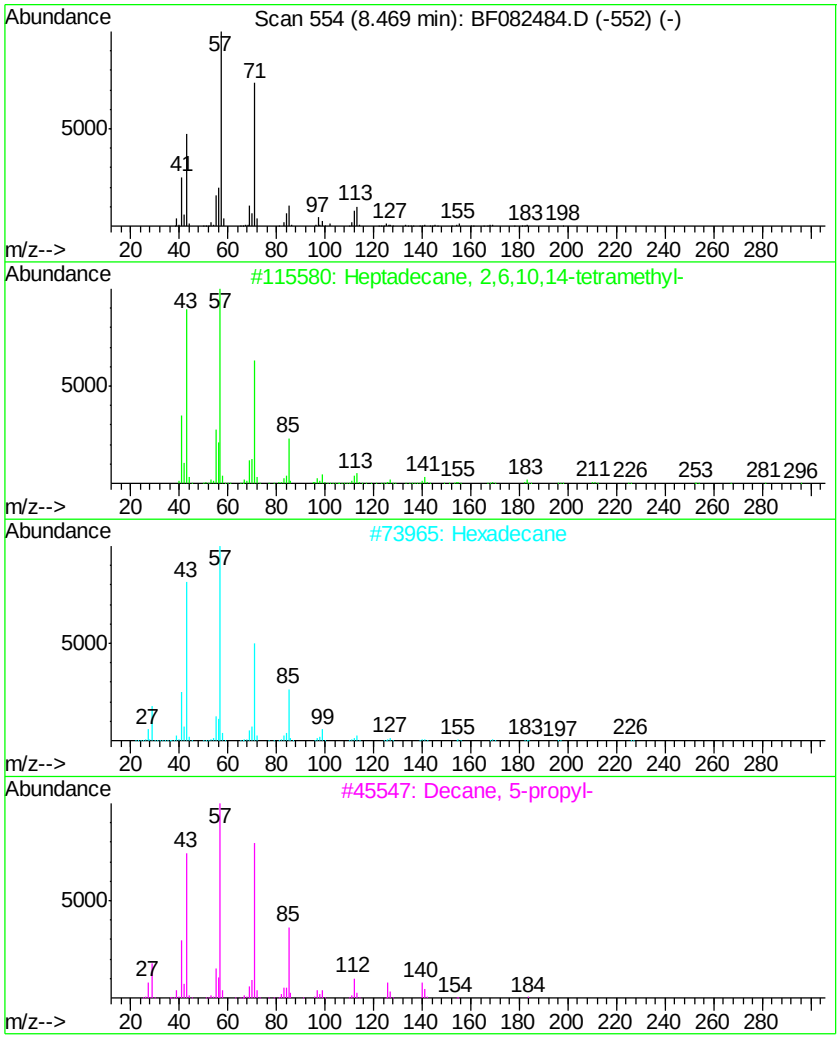
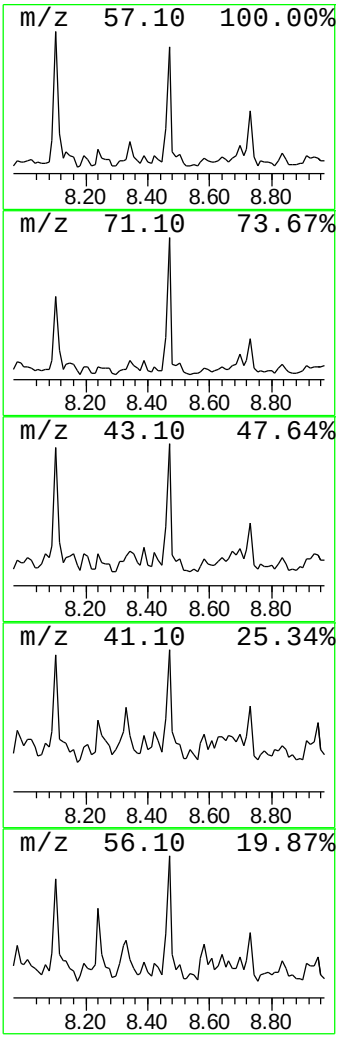
Peak Number 11 Heptadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	21.62 ng	1355150	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
2	Hexadecane	226	C16H34	000544-76-3	59
3	Decane, 5-propyl-	184	C13H28	017312-62-8	53
4	Octane, 2-iodo-	240	C8H17I	000557-36-8	50
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	50





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TIC Library : C:\DATABASE\NIST02.L
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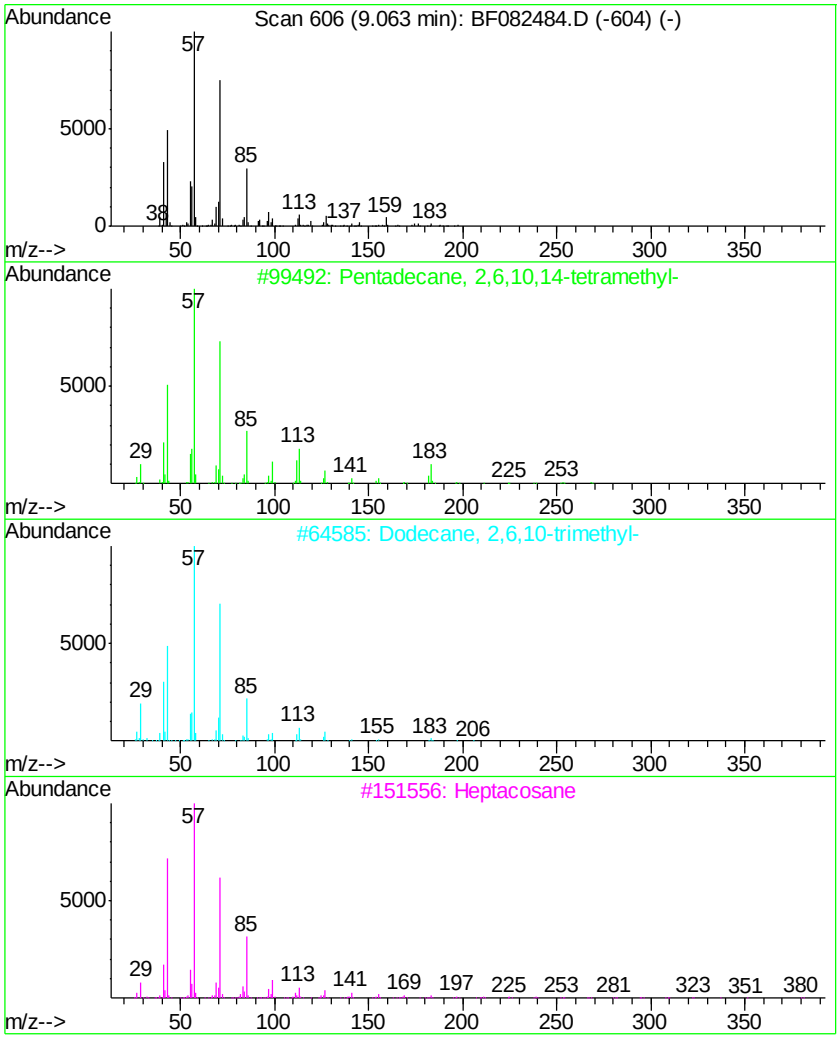
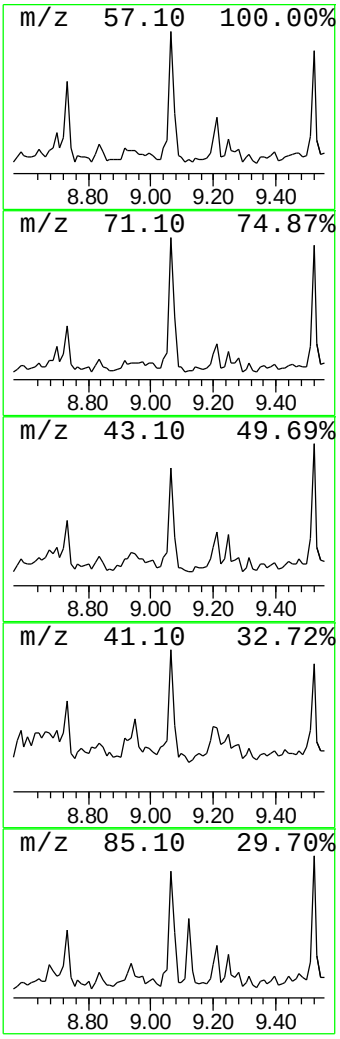
Peak Number 12 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	17.20 ng	1003310	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Heptacosane	380	C27H56	000593-49-7	64
4	Decane, 5-propyl-	184	C13H28	017312-62-8	59
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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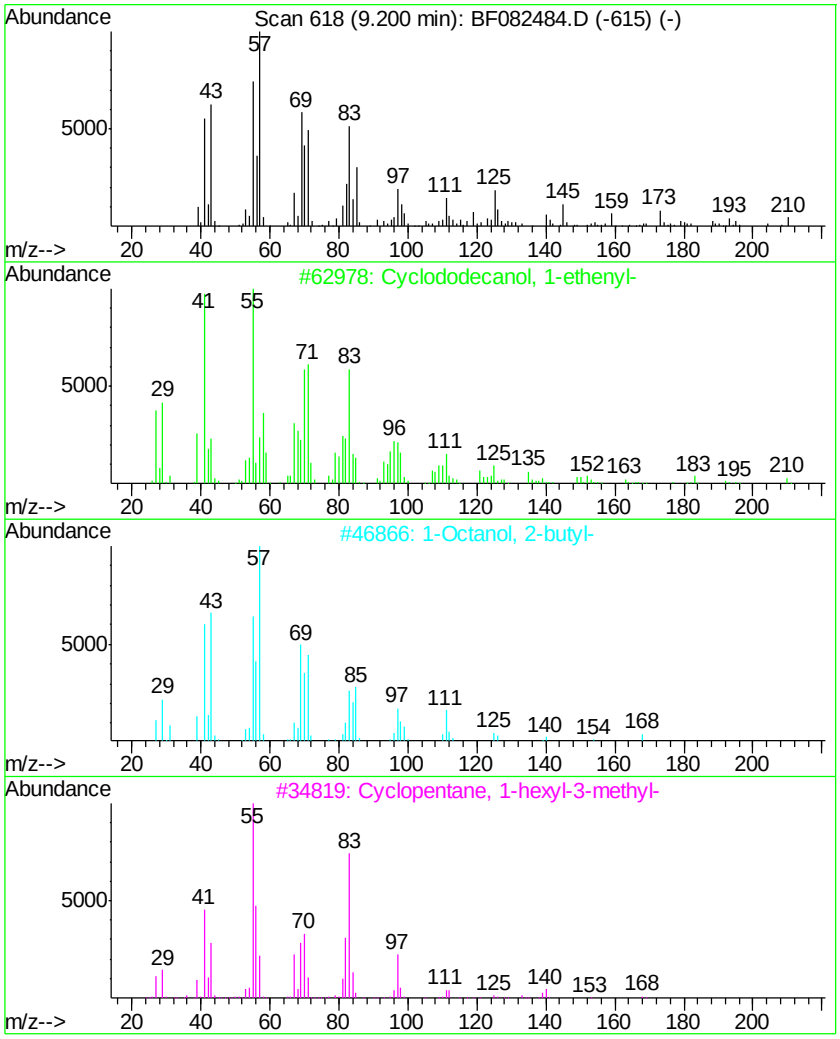
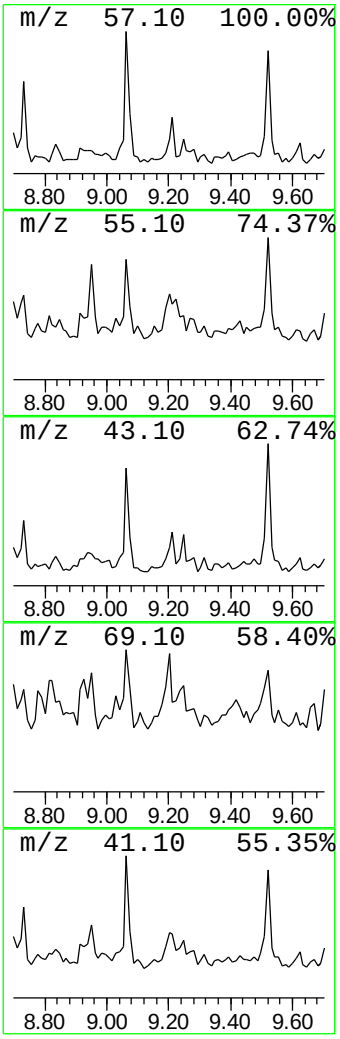
Peak Number 13 Cyclododecanol, 1-ethenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	10.38 ng	605327	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	87
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
3	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	49
4	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	49
5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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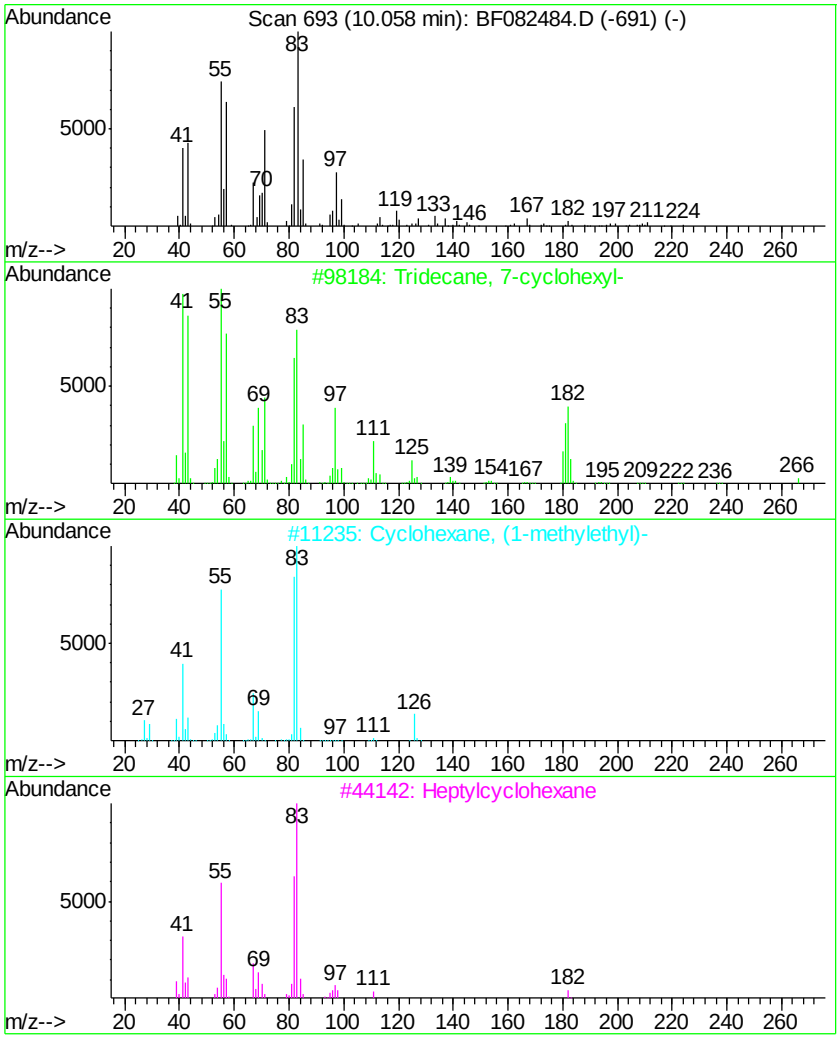
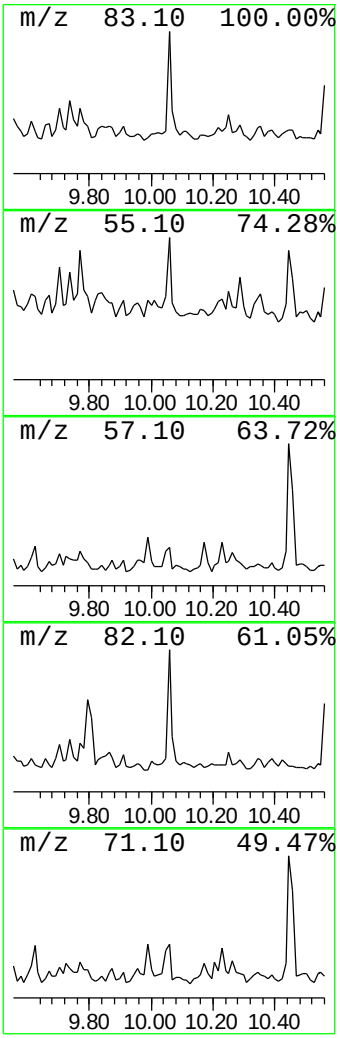
Peak Number 14 Tridecane, 7-cyclohexyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	7.03 ng	410437	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-cyclohexyl-	266	C19H38	013151-92-3	53
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3	Heptylcyclohexane	182	C13H26	005617-41-4	52
4	Tridecane, 6-cyclohexyl-	266	C19H38	013151-91-2	50
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47





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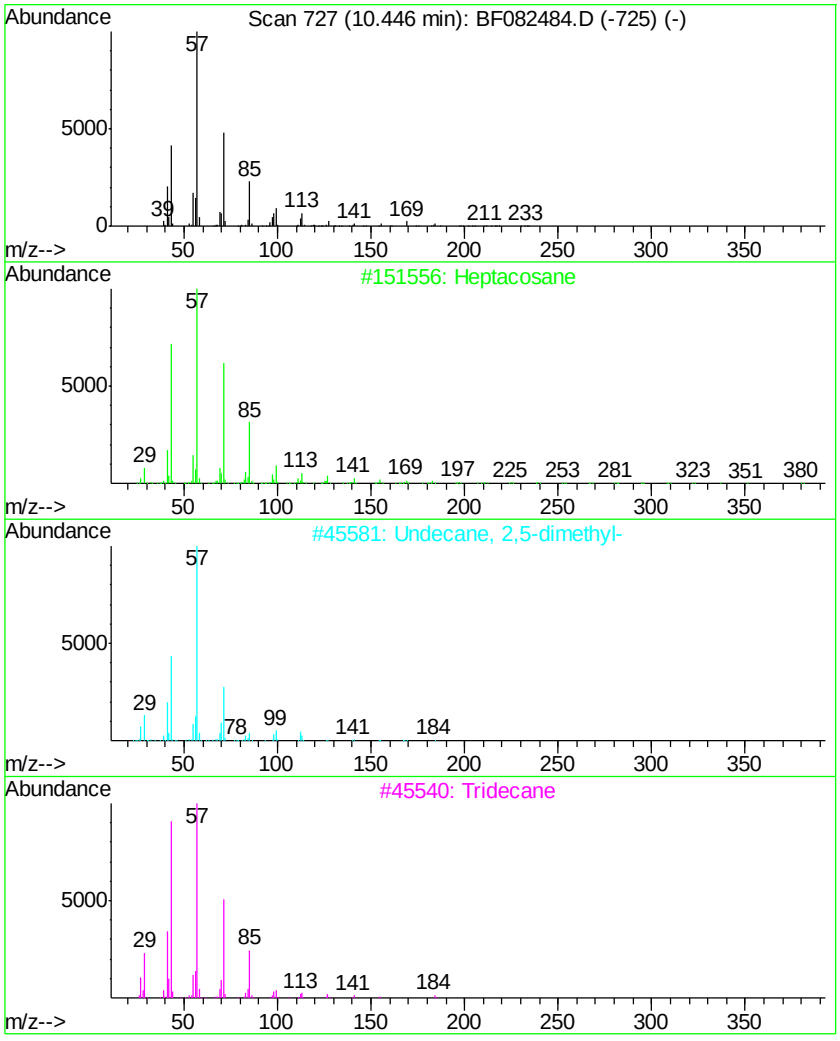
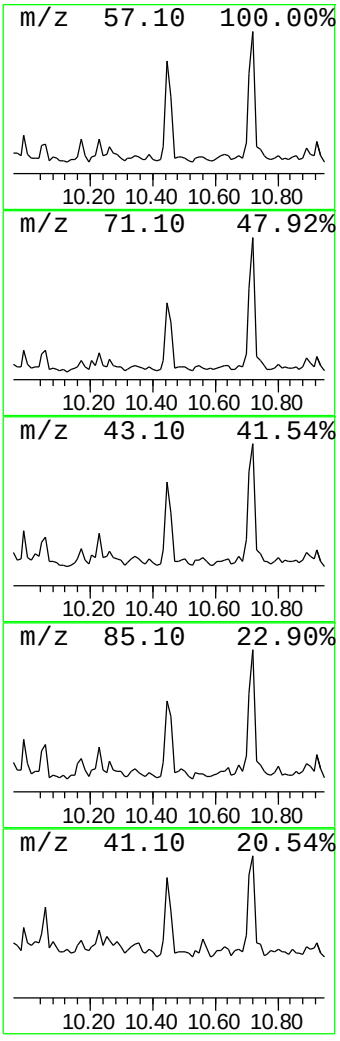
Peak Number 15 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	11.65 ng	679774	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	78
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Tridecane	184	C13H28	000629-50-5	72
4	Octadecane	254	C18H38	000593-45-3	72
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72





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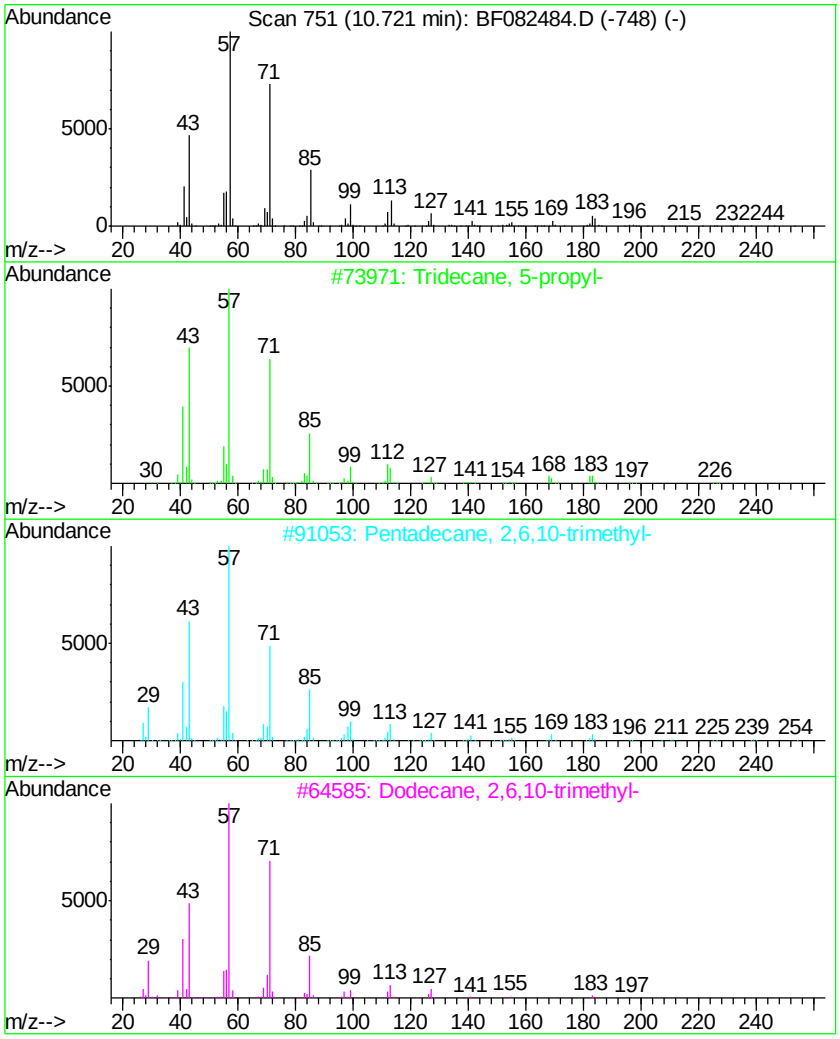
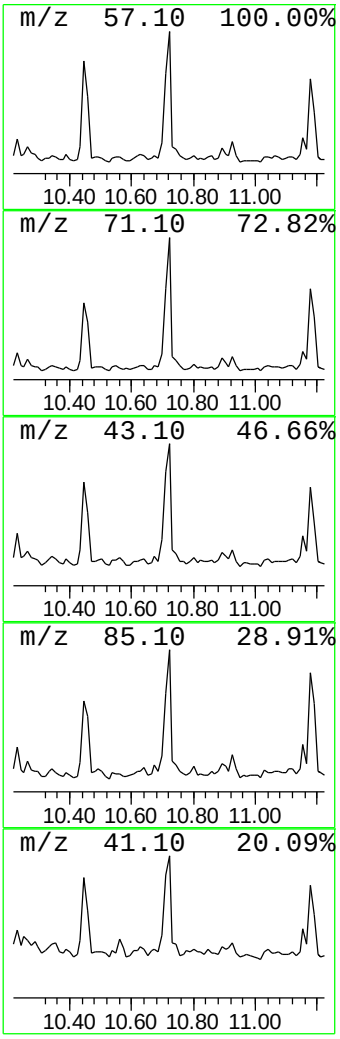
Peak Number 16 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	24.77 ng	1074560	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	72
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72





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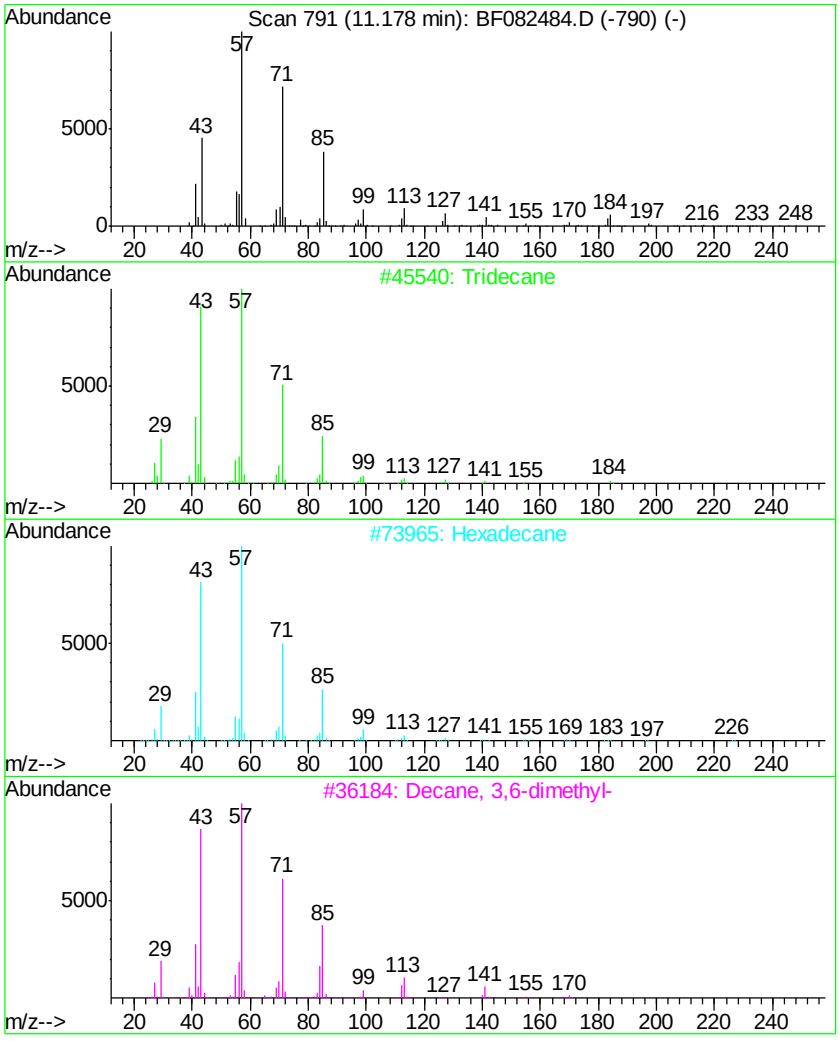
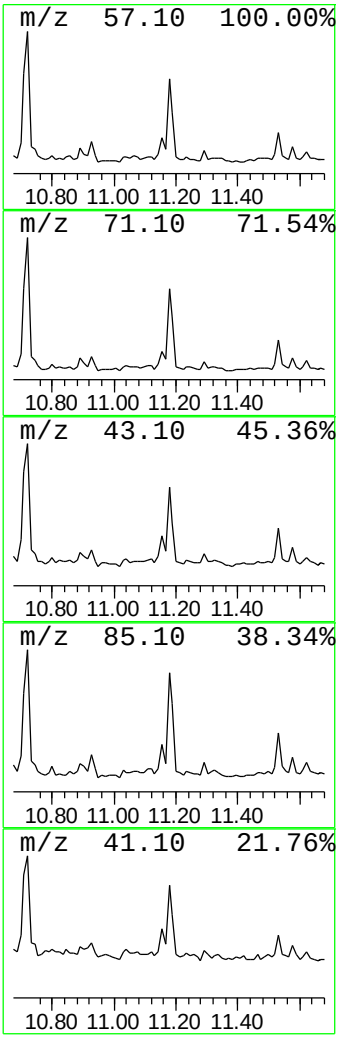
Peak Number 17 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	15.95 ng	692044	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	83
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74





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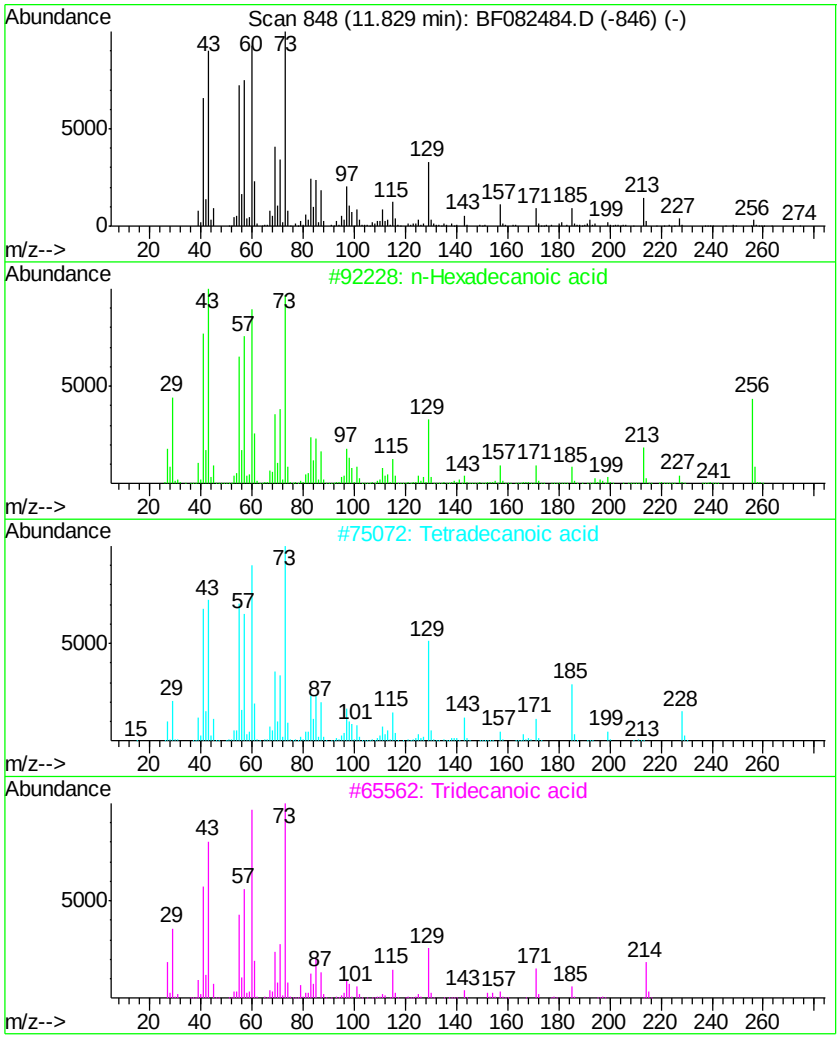
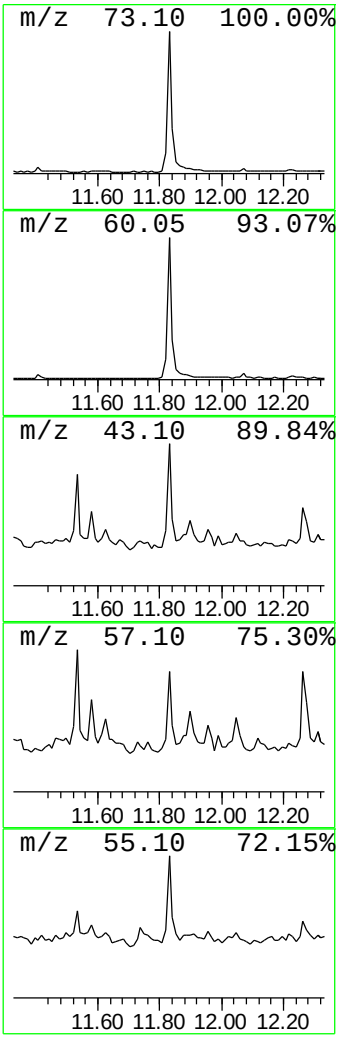
Peak Number 18 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	11.28 ng	489222	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Acq On : 24 Oct 2015 00:14
Operator : UM/IZ
Sample : G4140-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-45-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

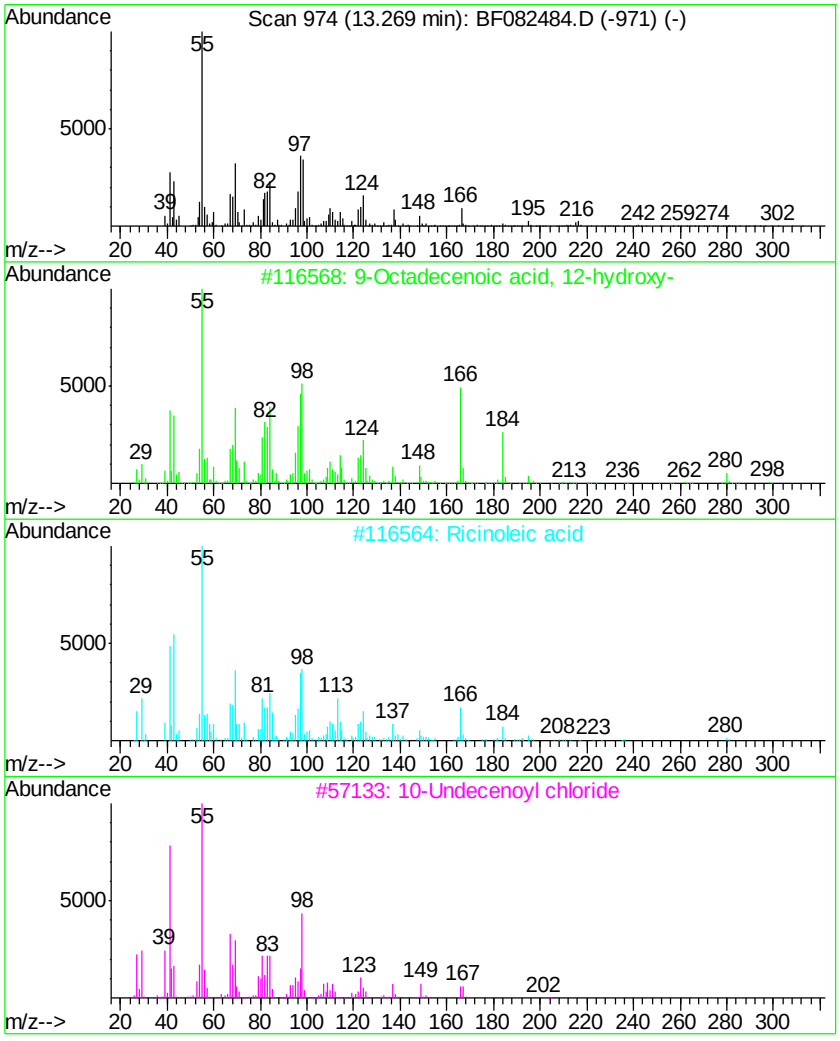
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

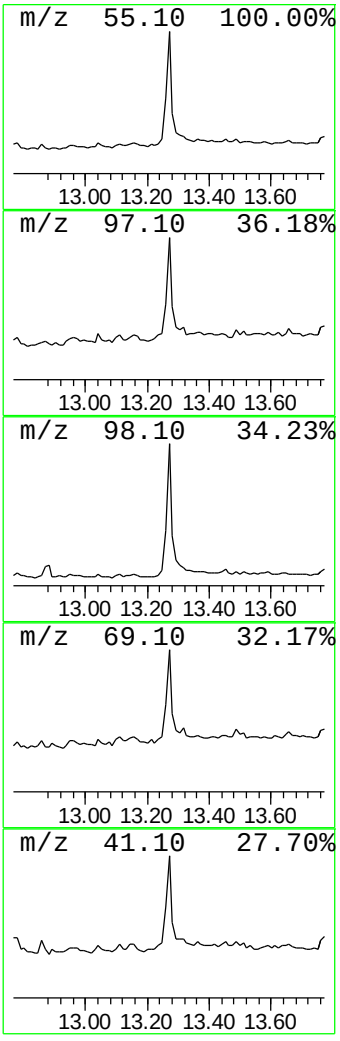
****

Peak Number 19 9-Octadecenoic acid, 12-hyd... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	21.60 ng	935054	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, 12-hydroxy-	298	C18H34O3	007431-95-0	87
2	Ricinoleic acid	298	C18H34O3	000141-22-0	83
3	10-Undecenoyl chloride	202	C11H19ClO	038460-95-6	53
4	Oxacyclotridecan-2-one	198	C12H22O2	000947-05-7	52
5	Oxacyclododecan-2-one	184	C11H20O2	001725-03-7	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082484.D
Acq On : 24 Oct 2015 00:14
Operator : UM/IZ
Sample : G4140-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-45-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

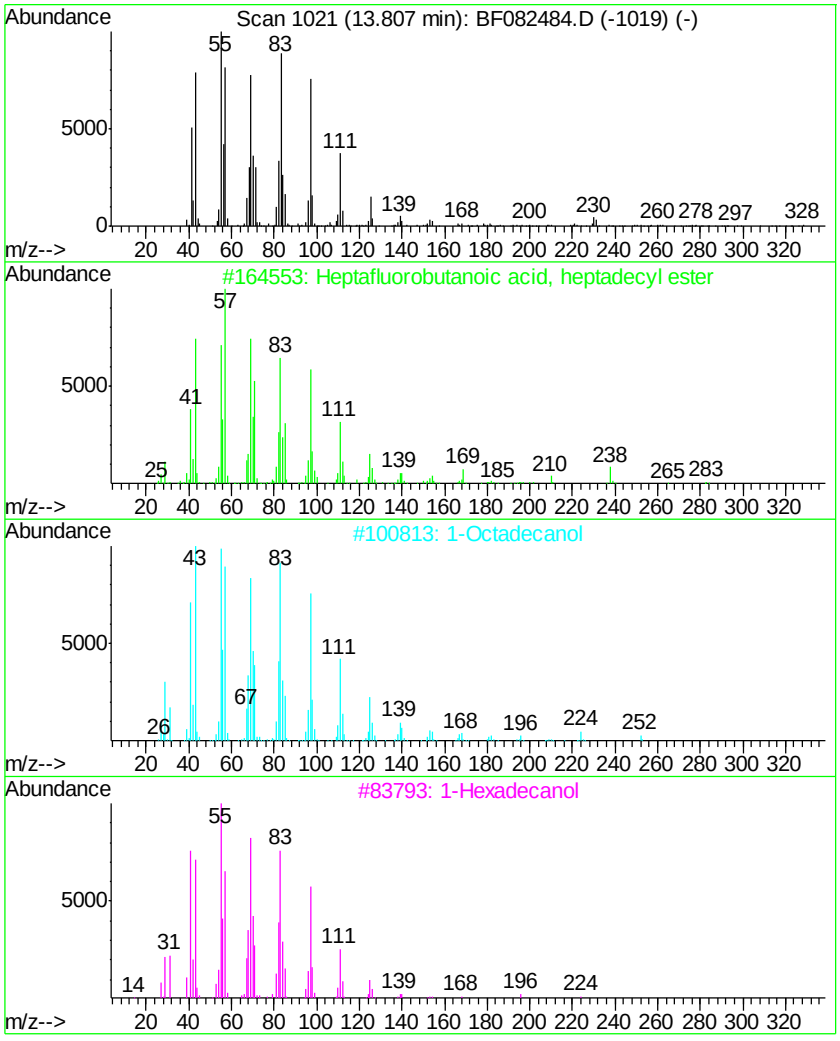
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

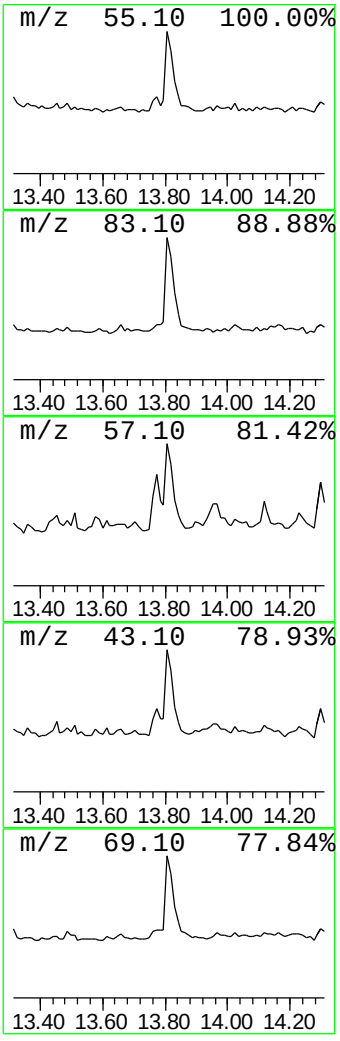
****

Peak Number 20 Heptafluorobutanoic acid, h... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	15.79 ng	683434	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
2	1-Octadecanol	270	C18H38O	000112-92-5	90
3	1-Hexadecanol	242	C16H34O	036653-82-4	83
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	68
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082484.D
Acq On : 24 Oct 2015 00:14
Operator : UM/IZ
Sample : G4140-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-45-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.89	10.7	ng	371812	1	6.75	696868	20.0
unknown6.51	6.51	12.5	ng	434808	1	6.75	696868	20.0
1-Hexanol, 2-ethyl-	6.82	11.6	ng	402728	1	6.75	696868	20.0
7-Octen-2-ol, 2,6...	7.17	17.1	ng	595494	1	6.75	696868	20.0
Naphthalene, deca...	7.55	7.8	ng	486400	2	8.05	1253570	20.0
Cyclopentylcycloh...	7.67	10.2	ng	636004	2	8.05	1253570	20.0
unknown7.98	7.98	11.4	ng	714957	2	8.05	1253570	20.0
Cyclohexane, 2-bu...	8.24	7.7	ng	483730	2	8.05	1253570	20.0
Cyclohexane, (4-m...	8.33	16.4	ng	1026520	2	8.05	1253570	20.0
Heptadecane, 2,6,...	8.47	21.6	ng	1355150	2	8.05	1253570	20.0
Pentadecane, 2,6,...	9.06	17.2	ng	1003310	3	9.81	1166870	20.0
Cyclododecanol, 1...	9.20	10.4	ng	605327	3	9.81	1166870	20.0
Tridecane, 7-cycl...	10.06	7.0	ng	410437	3	9.81	1166870	20.0
Heptacosane	10.45	11.7	ng	679774	3	9.81	1166870	20.0
Tridecane, 5-propyl-	10.72	24.8	ng	1074560	4	11.29	867785	20.0
Tridecane	11.18	15.9	ng	692044	4	11.29	867785	20.0
n-Hexadecanoic acid	11.83	11.3	ng	489222	4	11.29	867785	20.0
9-Octadecenoic ac...	13.27	21.6	ng	935054	5	13.96	865706	20.0
Heptafluorobutano...	13.81	15.8	ng	683434	5	13.96	865706	20.0